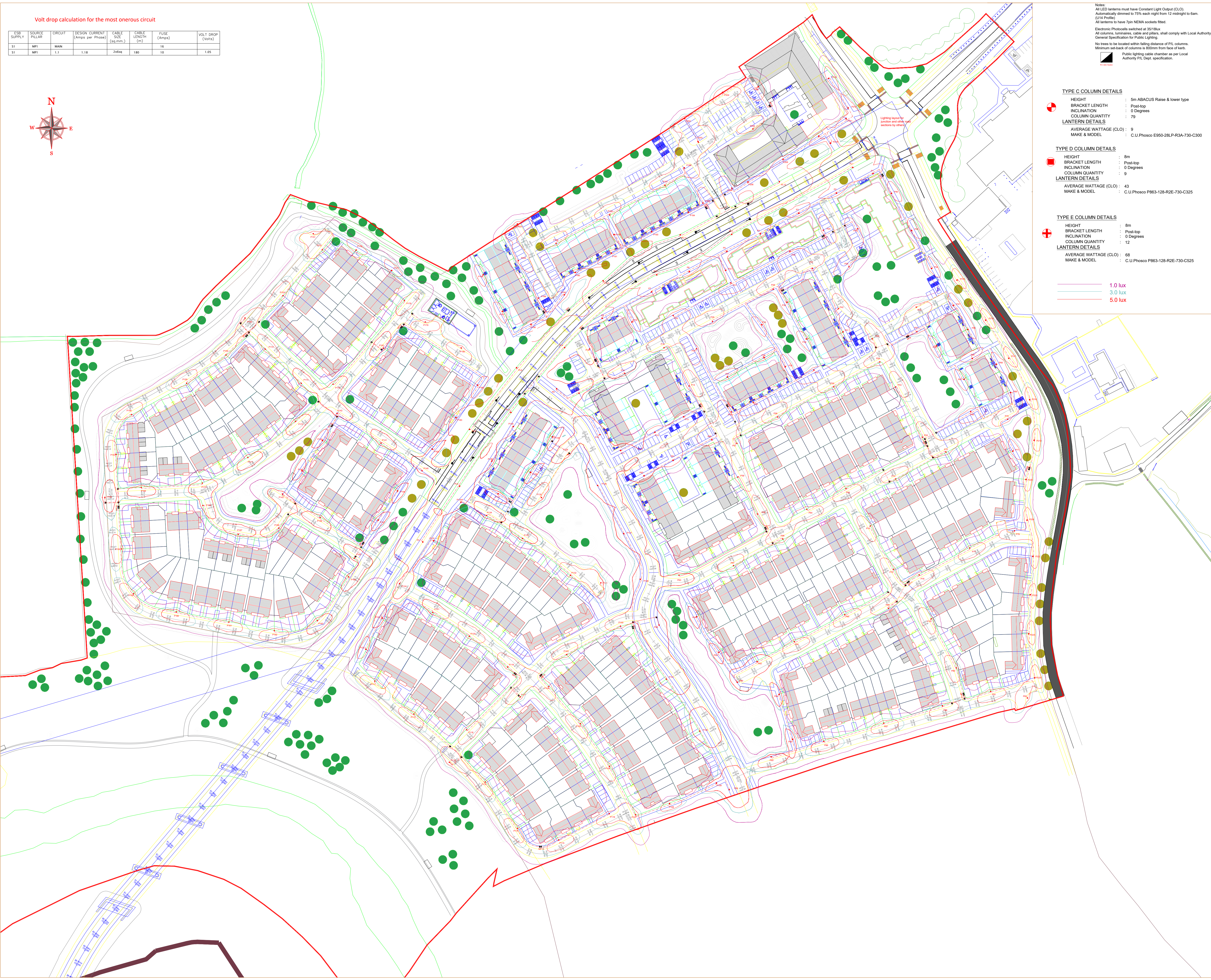




TYPE A COLUMN DETAILS

HEIGHT : 6m

BRACKET LENGTH : Post-top

INCLINATION : 0 Degrees

COLUMN QUANTITY : 11

LANTERN DETAILS

AVERAGE WATTAGE (CLO) : 16

MAKE & MODEL : C.U.Phosco E950-28LP-F2A-730-C600

TYPE B COLUMN DETAILS

HEIGHT : 6m

BRACKET LENGTH : Post-top

INCLINATION : 0 Degrees

COLUMN QUANTITY : 126

LANTERN DETAILS

AVERAGE WATTAGE (CLO) : 16

MAKE & MODEL : C.U.Phosco E950-28LP-F4A-730-C600

TYPE B1 COLUMN DETAILS

HEIGHT : 6m

BRACKET LENGTH : 0.3m Twin Stub bracket.

INCLINATION : 0 Degrees

COLUMN QUANTITY : 1 (2 luminaires)

LANTERN DETAILS

AVERAGE WATTAGE (CLO) : 16

MAKE & MODEL : C.U.Phosco E950-28LP-F4A-730-C600

2X6sq NYCY cable laid in ducting to I.S.10101:2020. Single wall ducting, colour red to be used manufactured from high density polyethylene (H.D.P.E.), 107mm external diameter, having a wall thickness of 5mm. This ducting to have the words "Street Lighting" stamped on, letter size 9mm at 1m intervals. The lettering to face uppermost in the trench. All works to Local Authority specification. This is a detail layout and not indicative of where ducts are to be laid

Public Lighting Pillar (located at least 2m from ESB pillar)

Typical Base detail, to be checked by site engineers.

COLUMN MOUNTING HEIGHT	12m	10m	8m	6m
COLUMN ROOT DEPTH	1.9m	1.7m	1.5m	1.0m
CABLE ENTRY DEPTH	0.3m	0.3m	0.3m	0.3m
ROOTING CONCRETE DEPTH				
COLUMN DOOR HEIGHT	1.5m	1.5m	1.5m	1.5m
COLUMN SLEEVE SIZE(mm) internal	450	400	400	300
EXCAVATION (width x length)	1000	800	600	400

Heavy Duty PVC or Concrete pipe to size D

Lighting Column

25N concrete

Ground Level

100mm duct

Learnmix concrete

25N concrete

Compacted Sand

Heavy Duty PVC or Concrete pipe to suit

Learnmix concrete

NOTES

THIS DRAWING IS THE INTELLECTUAL PROPERTY OF Sabre LIGHTING DESIGN DEPT. AND IS COPYRIGHT (C) AND CAN NOT BE USED WITHOUT PRIOR CONSENT.

NO ACCOUNT IS TAKEN FOR THE BLOCKING EFFECT CAUSED BY BUILDINGS, TREES ETC. THE CALCULATION SHOWN BY THIS DRAWING ASSUMES THAT THE WHOLE AREA BEING CONSIDERED IS IN THE SAME PLANE, I.E. THERE ARE NO CHANGES IN GRADIENT OR ELEVATION.

This drawing layout is based on calculated lighting levels, produced by Sabre Electrical Services Ltd., using Lighting Reality software. Any alterations to the layout or luminaire type used for the lighting design calculations, will require a revised lighting design to be carried-out. A redesign may require approval from the Local Authority Public Lighting Dept. prior to any alterations/modifications being implemented on site.

Sabre

ELECTRICAL SERVICES LTD.
Specialist Contractors
PUBLIC LIGHTING - FLOOD LIGHTING - SPORTS LIGHTING

UNIT 11,
BELLVUE INDUSTRIAL ESTATE,
FINGLAS,
DUBLIN 11.
E - MAIL: graham@sabrelighting.ie PH: 01-811 0875

REV	DESCRIPTION	INITS	CHK'D	DATE
-	?	GS	CHK	-----
-	?	GS	CHK	-----
-	?	GS	CHK	-----
D	Client name updated	AN	CHK	29-03-22
C	Updated as per comments	AN	CHK	29-03-22
B	Updated as per comments	AN	CHK	22-03-22
A	Updated site layout	AN	CHK	02-03-22

CLIENT/CUSTOMER

Aston Limited

PROJECT

Great Connell SHD Newbridge

TITLE

Public Lighting Layout

DRAWN	SCALE	DATE
A.N	1:1000 @A1	12/07/21

DRAWING NUMBER	ISSUE
SES 09021	5

BASE DRAWING NUMBER

1554_300_Rev5_Temp.dwg

DRAWING ORIGIN

The Big Space

DO NOT SCALE FROM THIS DRAWING